

**ABSTRACT**

A preferred method for evaluating a transformer design using data representing test results from a plurality of transformers and stored in a data base includes comparing the data representing test results to predetermined criteria for the test results to determine whether the test results satisfy the predetermined criteria. The preferred method also includes counting the number of the test results that do not satisfy the predetermined criteria, and generating an indication that a predetermined quantity of the test results do not satisfy the predetermined criteria if at least the predetermined quantity of the test results do not satisfy the predetermined criteria.